

IN THE CLAIMS

The following list of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A drain plug structure for a bath tub using a remote-controlling type drain plug device for use in a drain port having a notch part, wherein this drain plug structure has a feature that at least comprising:

a plug lid having a circumferential edge, the circumferential edge of the plug lid is set configured to be lower than the a bottom surface of the bath tub under a drain port when the drain plug is closed state; and

a packing having an outwardly-convex shape which upwardly tapers from a first thickness at an end attached to the drain plug to a second thickness narrower than the first thickness,

wherein the plug lid includes a clearance between a rear edge of the plug lid and the packing, and

wherein the packing deforms into the clearance when the circumferential edge of the plug lid is dropped into the notch part.

2. (Canceled)

3. (Currently Amended) A drain plug structure for a bath tub according to claim [[2]] 16, wherein the close-contact surface is a narrow inclined surface extending from the bottom surface of the notch in a downward direction.

4. (Original) A drain plug structure for a bath tub according to claim 3, wherein said notch part is set such that a horizontal surface supporting and mounting the plug lid is applied as a bottom surface.

5. (Currently Amended) A drain plug structure for a bath tub according to claim 4, wherein the packing ~~is set such that the~~ has a main body extending from the a base part to its an extremity end in narrow form, is the packing being integrally arranged, and ~~at the same time, wherein at least one or a plurality of more than two annular protrusions~~ protrusion closely contacted with contacts the packing close-contact surface are protruded at said main body and formed.

6. (Currently Amended) A drain plug structure for a bath tub according to claim 4, wherein the a main body of the packing is formed such that its outer surface becomes a fine narrow shape having a convex curved surface from the an upper edge of the an end part to the a bottom part, and annular protrusions are protruded at said convex curved surface.

7. (Currently Amended) A drain plug structure for a bath tub according to claim 4, wherein ~~a depth of the notch is set to such a value as one~~ part has a depth enabling the plug lid to be dropped into it the notch part in such a way that its a top part ~~may become in flush with~~ of the plug lid flushly contacts the bottom surface of the bath tub ~~or less than that.~~

8. (Currently Amended) A drain plug structure for a bath tub according to claim 1, wherein the plug lid is removably fitted to ~~the~~ a supporting shaft of the drain plug device.

9. (Currently Amended) A drain plug structure for a bath tub according to claim 7, wherein the plug lid is removably fitted to ~~the~~ a supporting shaft of the drain plug device.

10. (Currently Amended) A drain plug structure for a bath tub according to claim 1, ~~wherein~~ further comprising:

a fitting cylinder at the plug lid, having a plurality of axial slits, as an engagement or disengagement structure between the plug lid and ~~the~~ a supporting shaft of said drain plug lid[.];

~~there is provided a structure in which some axial slits are arranged at a fitting cylinder arranged at the plug lid and some~~

a plurality of protrusions are protruded inside ~~the~~ a plurality of resilient pieces formed at several locations in a circumferential direction of it, the fitting cylinder; and

a plurality of fitting grooves where the protrusions are adapted to be fitted, ~~are set at the~~ on a supporting shaft[.];

wherein the supporting shaft is inserted into the fitting cylinder, ~~thereby the supporting shaft is contacted with~~ contacting said protrusions to expand and open the resilient pieces, and when the protrusions are positioned at the fitting grooves, the resilient pieces are recovered from the expanded and opened state due to their resiliency to cause the protrusions to be fitted to the fitting grooves,

wherein under a normal state of use, the plug lid is connected in such a way that it may not be removed from the supporting shaft[.], and

wherein the plug lid is pulled out of the supporting shaft to cause the resilient pieces to be expanded and opened and the protrusions are escaped from the fitting grooves and the plug lid is removed.

11. (Currently Amended) A drain plug structure for a bath tub according to claim 7, ~~wherein~~ further comprising:

a fitting cylinder at the plug lid, having a plurality of axial slits, as an engagement or disengagement structure between the plug lid and ~~the~~ a supporting shaft of said drain plug lid[,];

~~there is provided a structure in which some axial slits are arranged at a fitting cylinder arranged at the plug lid and some~~

a plurality of protrusions are protruded inside the a plurality of resilient pieces formed at several locations in a circumferential direction of it, the fitting cylinder; and

a plurality of fitting grooves where the protrusions are adapted to be fitted, are set ~~at the~~ on a supporting shaft[,];

wherein the supporting shaft is inserted into the fitting cylinder, ~~thereby the supporting shaft is contacted with~~ contacting said protrusions to expand and open the resilient pieces, and when the protrusions are positioned at the fitting grooves, the resilient pieces are recovered from the expanded and opened state due to their resiliency to cause the protrusions to be fitted to the fitting grooves,

wherein under a normal state of use, the plug lid is connected in such a way that it may not be removed from the supporting shaft[,], and

wherein the plug lid is pulled out of the supporting shaft to cause the resilient pieces to be expanded and opened and the protrusions are escaped from the fitting

grooves and the plug lid is removed.

12. (Currently Amended) A drain plug structure for a bath tub according to claim 10, ~~wherein the~~ further comprising an anti-vibrating member sliding configured to slide on the outer circumferential surface of the supporting member supporting the supporting shaft in such a way that ~~it~~ the anti-vibrating member can be moved up and down, is wherein the anti-vibrating member is vertically installed at the plug lid.

13. (Currently amended) A drain plug structure for a bath tub according to claim 11, ~~wherein the~~ further comprising an anti-vibrating member sliding configured to slide on the outer circumferential surface of the supporting member supporting the supporting shaft in such a way that ~~it~~ the anti-vibrating member can be moved up and down, is wherein the anti-vibrating member is vertically installed at the plug lid.

14. (Currently Amended) A drain plug structure for a bath tub according to claim 10, wherein the plug lid ~~is provided with~~ includes a foreign material mixing preventive cover ~~sliding~~ configured to slide on the outer circumferential surface of the supporting member supporting the supporting shaft in such a way that it can be moved up and down,

wherein said foreign material mixing preventive cover has a cylinder part with ~~its~~ a lower end thereof being opened or released, and

wherein said cylinder part has a length extending along the outer circumferential surface of the supporting member when the drain port is opened and when the drain port is closed.

15. (Currently Amended) A drain plug structure for a bath tub according to claim 11, wherein the plug lid ~~is provided with~~ includes a foreign material mixing preventive cover ~~sliding~~ configured to slide on the outer circumferential surface of the supporting member supporting the supporting shaft in such a way that it can be moved up and down,

wherein said foreign material mixing preventive cover has a cylinder part with its a lower end thereof being opened or released, and

wherein said cylinder part has a length extending along the outer circumferential surface of the supporting member when the drain port is opened and when the drain port is closed.

16. (New) A drain plug structure for a bath tub using a remote-controlling type drain plug device for use in a drain port having a notch part, comprising:

a plug lid having a circumferential edge, the circumferential edge of the plug lid configured to be lower than a bottom surface of the bath tub under a drain port is closed; and

a packing having an outwardly-convex shape which upwardly tapers from a first thickness at an end attached to the drain plug to a second thickness narrower than the first thickness, the packing including a close-contact surface lower than a bottom surface of the notch part,

wherein the close-contact surface has a diameter smaller than a diameter of the plug lid,

wherein the plug lid includes a clearance between a rear edge of the plug lid and the packing,

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wherein the packing deforms into the clearance when the circumferential edge of the plug lid is dropped into the notch part, and

wherein the packing closely contacts the close-contact surface when the plug lid is dropped into the notch part.